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Abstract

The scientific and cultural life in Valencia during the age of Al – Muwahideen 541-636 H /1147 -1238 A.D

Mohammad .M. S. Al Hrout

Mu'tah University 2006 A.D.

This study sheds light on the scientific and cultural activity in Valencia city during the age of Al Mohads and it shows the role of the scientific institutions in cultural and scientific development in it. This study concerns with the history of Valencia city before and during Al Mohads age and it contains the political life in Valencia Islamic Conquest till Al – Mohads age after that , it shows the reality of the political life . Also, in Valencia during AL-Mohads 'age and it is necessary to refer that this study contains in the introduction geographic city and its location and the properties of that location.

This study is divided into five chapters: The first chapter contains the effective factors in cultural and scientific life in Valencia.

The second chapter is specified to study the education and scientific institutions and it shows the most important education's stages in this period and the curriculums which were followed with showing the most important education's centers and the educational places in the city such as mosques, elementary schools, stationer's trade, scientists' homes and gardens and so on .The third chapter contains studying Islamic Sciences in Valencia including , Holy Koran Sciences which contains recitations , illustration , al-hadith , jurisprudence , quietism and scientist's contribution in this side. The fourth chapter contains studying linguistic sciences and literature , including the language , syntax , pores and poetry with showing the efforts of the most important linguistic scientists , grammarians , literates , and poets who contributed to advance this side from the intellectual life in Valencia city. The fifth chapter is specified for studying social and true sciences and it is divided into tow sections: The first section shows the social science which it is the history and geography and also ,it discusses the most important contributions in history science and authors' compositions in this field specially biographical books , general history , biographers and so on. In addition to the tours which made by Valenciennes explores which contribute in development of the geography science. The second section of this chapter shows the ture sciences including Maths which contains calculating and engineering, in addition to the medical sciences and it had display scientists' efforts in these sides and the most important scientific works.

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(1) [illegible] 594 – 595 [illegible] (33) [illegible] 232 [illegible] 103 [illegible]
(2) [illegible] 600
(3) [illegible] 636 - 637.
(4) [illegible] 94 - 95.
(5) [illegible] 84.
(6) [illegible] 109 - 110.
(7) [illegible] 117.
(8) [illegible] 83

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3.2 [illegible] :

[illegible] :

[illegible] (1) .

[illegible] (2) [illegible] (3) .

(1) [illegible] ص 168.

(2) [illegible] ص 101 .

(3) [illegible] ص 220 .

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(1) .

:

1 -

. (2)

(87/ 83) (87/ 83)

(3) (4)

(5) (79/ 75)

(36/ 34)

. (6)

(11 / 08)

(7)

(40/ 38)

. (8)

(1) 35 219

(2) 205

(3) 1 . 77

(4) 2 . 59

(5) 2 .50

(6) 15 .161-160

(7) 2 . 98-97

(8) 2 .297

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[illegible] - 2
[illegible]
. [1] [illegible]

[illegible]
[illegible] (90/[illegible]86[illegible]) [illegible]
[illegible] [2] [illegible]
[illegible] (226/[illegible]24[illegible])
. [3] [illegible]

[illegible] - 3
[illegible]
Santa) [illegible]
. [4] (Catalina

[illegible]
[illegible] (235 /[illegible]33[illegible]) [illegible]
. [5] [illegible]

[illegible] - 4
[illegible]
[illegible]
. [6] [illegible]

[illegible]
[illegible] (226/[illegible]23[illegible]) [illegible]

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(1) [illegible] . 207
(2) [illegible] . 65
(3) [illegible] . 215
(4) [illegible] . 207
(5) [illegible] . 135
(6) [illegible] . 207

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[illegible] (1).

5- [illegible] (74/[illegible]70[illegible]) [illegible] (2).

6- [illegible] (78 [illegible] 77[illegible] / [illegible] 74 [illegible] 73[illegible]) [illegible] (3).

[illegible] (214/[illegible] 11[illegible]) [illegible] (4).

7- [illegible] (5) [illegible] (600 [illegible]) [illegible] (6).

8- [illegible] (7) [illegible] (222/[illegible] 19[illegible]) [illegible]

(1) [illegible] 3 [illegible] .234
(2) [illegible] 4 [illegible] 178
(3) [illegible] 2 [illegible] 312-313.
(4) [illegible] 2 [illegible] .16
(5) [illegible] .208
(6) [illegible] 2 [illegible] .314
(7) [illegible] .208

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[illegible] (1).

[illegible] (96/[illegible]93) [illegible] (2) [illegible] (71/[illegible]67) [illegible] (3).

[illegible] (238/[illegible]36) [illegible] (4) [illegible] (240 /[illegible]38) [illegible] (5).

[illegible] (261 /[illegible]57) [illegible] (6).

[illegible] (293/[illegible]90) [illegible] (293/[illegible]590) [illegible]

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(1) [illegible] 291.

(2) [illegible] 73.

(3) [illegible] 40.

(4) [illegible] 138.

(5) [illegible] 297.

(6) [illegible] 24.

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[illegible] [1] .

[illegible] :

[illegible]

[illegible]

[illegible] (216/[illegible] 13[illegible]) [illegible]

[illegible]

[2] .

[illegible] :

[illegible]

[illegible]

[illegible]

[illegible] [3] [illegible]

[illegible] (168 / [illegible] 64 [illegible]) [illegible]

[illegible]

[illegible]

[4] [illegible] .

---

(1) [illegible] (748[illegible]) [illegible] 102[illegible] [illegible] 3 [illegible] (774[illegible]) [illegible] 3 [illegible] 11 [illegible] 3 [illegible] 7 [illegible] 287 [illegible] 381 - 380 [illegible] .

(2) [illegible] 1 [illegible] 223 .

(3) [illegible] 172 .

(4) [illegible] 1 [illegible] 370 [illegible] 3 [illegible] 202 - 201 .

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[illegible]

[illegible] [1] [illegible] (226/ [illegible] 24) [illegible] [2] [illegible] 271/ [illegible] 70 [illegible] 200/ [illegible] 97 [illegible] [3].

[illegible]

[illegible] [4].

[illegible] (153/ [illegible] 48) [illegible] [5] [illegible]

---

(1) [illegible] 146.

(2) [illegible] 127.

(3) [illegible] 1 [illegible] 420 - 419.

(4) [illegible] 421.

(5) [illegible] 15.

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[illegible] [1] [illegible] 68/[illegible] 64) [illegible]
[illegible] (213 /[illegible] 10[illegible]) [illegible]
[illegible] .... [illegible]
[illegible] [2] [illegible]
[illegible] (214/[illegible] 11 [illegible]) [illegible]
[illegible] [3] .

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(1) [illegible] 1 [illegible] 130.

(2) [illegible] 2 [illegible] 143 .

(3) [illegible] 2 [illegible] 287.

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[illegible]

[illegible]

[illegible] [1].

[illegible] 1.3 :

[illegible] [2] [illegible]

[illegible] :

[illegible] 1.1.3 :

[illegible] [3] [illegible]

(1) [illegible] 212.

(2) [illegible] 439-437 [illegible] 292 [illegible] 3 [illegible]

(3) [illegible] 129 [illegible] 19 [illegible] 283 [illegible] 170 [illegible]

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[illegible] (1) [illegible]

[illegible] (2) [illegible] (3) [illegible]

[illegible] (4) [illegible] (5) [illegible] (6) [illegible] (7) [illegible] (8) [illegible]

---

(1) [illegible] 75 / [illegible] 067 [illegible] 1317 [illegible] 2 [illegible]

(2) [illegible] 212.

(3) [illegible] 71 [illegible] 1 [illegible] 272 [illegible]

(4) [illegible] 1 [illegible] 171 -172.

(5) [illegible] 171.

(6) [illegible] 170.

(7) [illegible] 1 [illegible] 222.

(8) [illegible] 437.

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- 1
- 2
- 3
- 4

- 1
- 2

(1) .98
(2) .222
(3) .173
(4) .198
(5) . 180

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- 3 [illegible]

[illegible]

(1) [illegible] 99

(2) [illegible] 8 .

(3) [illegible] 8

(4) [illegible] 437-438.

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(1) .370-369

(2) . 44

(3) ... 1967 ... 414

(4) . 65

(5) . 66-65

(6) . 72-71

(7) . 78

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[illegible] 202/[illegible] 99 [illegible]
[illegible] (1)

[illegible] 204/[illegible] 01 [illegible] (2) [illegible] 211/[illegible] 08 [illegible] (3) [illegible] (4)

/[illegible] 08 [illegible] 211 [illegible] (5) [illegible] 212 /[illegible] 09 [illegible] (6)

[illegible] 216/[illegible] 13 [illegible]

(1) [illegible] 84 .
(2) [illegible] 284 .
(3) [illegible] 103 .
(4) [illegible] 304 .
(5) [illegible] 595 .
(6) [illegible] 593.

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Nfjož Ï DžŽŎţ Lǁŝž2ǒŋ Lǰfo+!Ǵ2!f lƨnʃ ƧŢ ʀk DǍ Ü[1] ŎƼǍk LƊǏ !ƥ ǴŋƮǂƼ

Ŏţ Lǁŝž2ǒŋ Lǰ fodžDLǰfodždžK'ʃǴƧ|!f DǮŽƲǴLǰŎƼ DǸǴ ýɦùǬ|5 lƨǒʃ!f

Üţ ǒz!f Lǰ LȊ o!f ŎƞDLǮ K'ʃǴƧ|!f ɌPD ʠ5 Ü(Dž217/ ùNj14K') Ǵ Ƨ|dž

Dǂk Ŏ5 ʃǍdǸǴ Lǰ ɌʃǍ ÜǴɌʃ LǰǍɳdž Lǰ Lǁŝž LǰƧ|dž LǰǍ Ü[2]ǴǴ ŎD ƮǂǍ

/ùNj24K') Ï Ţ ǍdžLǰfodždžLǰfodžDLǰ LȊ o ǴǒƤǍ ǴƧ ƿ K'ʃǴƧ|!f DǮŽ

Ƽ|oɌʃǍ ʠǍɳɌʃ ýNDLǰdžLǴǍ ÜƨŢ ǒf Nǰžydž ǍǴǍ ƮǂDÏ Ɍʃ (Dž226

. [3]ǴƧ ƿÜǴƀ

ƲǴLǰDž LǴ LǰɌʃǍÜţ ƧǍǍ yǴjlǴƧ|! LǰǍɳdž LǰƧ|dž ǴǴDǮŽ LǰǍ

K'ʃǴƧ|!f DǮŽNǰǒƤǍ LǰƧ|DǰǍɳkýůP LǰǓK'ʃǴƧ|!f DǮ|DǮždžK'ǴʃƧƿʃ Ŏ5

ýND LǰdžÜ(Dž229/ùNj27K')ŎǮǴ |!f ƧǒɌʃ LǰŎDǮŽ Lǰfodždž ǬŎ lʠdž

ƧƷɳ ŎƞDLǮ DǮLǰ yǴjlǴƧƿ ɌPDʠ5Üţ LǁždǮ lʠʃjLǰdžNDŽǍÜƧŎǂdž

Ŏţ Lǁŝž lƨǒP Lǰ ŸʃɌƷ Lǰ fodžDLǰŎDǮǍ Ü[4]Ƽ ƧǴ Lǰ Ï Ţ ǍdžLǰ Ƽ ƧǴ

ÜÏ Ţ ǍdžLǰƼ ƧǴ ƧƷɳ ŎǍDǮŢ ƧǍ lǴƧ|ǰůk ʠ5Ü(Dž236 /ùNj34K')

NǰɣʠǍ LǰƧ|DǰǍɳdžƧ|dž LǴǍÜ ƧǴ LǰʃŸʃ LǍǮ LǰƧƷɳ ŎƞÏ DǮŽ yɌ!ǴǍ

.[5]ǮNʠ

Ï Ɍʃ (Dž242/ùNj40K')Ŏţ LǁŽÏ ƧǴ Lǰʃ ŸʃɌƷ ǍƞDǮʃɌƷ Lǰfodždž

ɣǴǍ Ï ƨǍɳ!f Lǰfo+|ǒƲ Ï DǮŽǮǍf Ŏ5 (Ǵţ !f DǮLj ɣǴ NǍ K'ʃǴƧ|!f ƮǂD

. [6](ɣƲP!f) Ŏ5

Ŏţ Lǁŝž lƨǒP Lǰ fodždžLǰ Ÿʃ ɌƷ Lǰ fodžD LǰŎDǮŽ DǸǴǍ

lǴƧƿ+Ţ ǴŮyɌ!f K'ʃǴƧ|!ǴůK'ʃǴƧ|!f DǮ+ƧoƲǴLǰŎƼ (Dž237/ùNj35K')

ɌPǍ ÜyǴjLǮÜţ ƧǍ lǴƧƿ ÜÏ Ţ ǍdžLǰƼ ƧǴ LǮ ɌPDʠ5 ÜyǴjLǮ ţ ƧǍ

(1) ǴNŎÜdž+Ƨ!fǴ ǬDƨÜ 600ʈ .

(2) dž ʈLƷNǰǬDƨÜ 604 ʈ .

(3) dž ʈLƷNǰǬD1Ü 215 - 214 ʈ .

(4) dž ʈLƷNǰǬD2Ü 130 ʈ .

(5) dž ƧƮÜŎ ɌyǍɌDÜ f ţƧ!ǴƧɌdǏ Ü 1Ƽ Ü 161- 160 ʈ .

(6) ǴNŎÜdž+Ƨ!fǴ ǬD2Ü 645 ʈ .

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[1] (74/70) [2] (79/75) [3]

(238/236) [4]

2.1.3

[5] [6] [7] [8]

(1) . 238-237
(2) . 178
(3) . 50
(4) . 264
(5) . 55
(6) . 40
(7) 324
(8) 332-331

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[illegible]

2- [illegible]

3- [illegible]

4- [illegible]

5- [illegible]

6- [illegible]

7- [illegible]

8- [illegible]

[illegible] [1] [illegible]

[illegible] 71 / [illegible] 67 [illegible] [2] [illegible] 71/ [illegible] 67 [illegible] /[illegible] 08 [illegible] [3] [illegible]

---

(1) [illegible] 154 -156 .

(2) [illegible] 51

(3) [illegible] 227 -228 .

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[illegible] [1] [illegible] 211 [illegible]
[illegible] 242 / [illegible] 40 [illegible] [2].

2.3 [illegible]:

[illegible]
[illegible] [3].

[illegible]
[illegible] [4] [illegible]
[illegible]
[illegible] [5] [illegible]
[illegible]
[illegible] [6].

[illegible] (580-595 [illegible] / 1184-1199 [illegible]) [illegible]
[illegible]
[illegible] [7] [illegible]

---

(1) [illegible] 97-98.
(2) [illegible] 645.
(3) [illegible] 635 [illegible] 88 [illegible] 26-27 [illegible].
(4) [illegible] 11 [illegible] 41 [illegible].
(5) [illegible] 90 [illegible] 65 [illegible].
(6) [illegible] 44.
(7) [illegible] 74/ [illegible] 76 [illegible] 478 [illegible].

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(1) .229

(2) .9

(3) 70 … 402

.254

(4) .137

(5) 95-94 … 45-44

(6) .162

(7) 309

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[illegible] 35/[illegible] 33 [illegible]
[illegible]
. [illegible] (1)

[illegible]
. [illegible] (2)

[illegible] 36/[illegible] 34 [illegible]
[illegible] : ([illegible] 67 /[illegible] 66 [illegible]) [illegible] (3) [illegible]
[illegible] (4) [illegible]
[illegible] 36/[illegible] 34 [illegible]
. [illegible] (5)

[illegible] 36/[illegible] 34 [illegible]

(1) [illegible] 449-448

(2) [illegible] .102-99

(3) [illegible] 219 [illegible] 164 [illegible] (68 [illegible]) [illegible] 68 [illegible]

(4) [illegible] 66 .

(5) [illegible] 161-160 .

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[illegible] [1] .

[illegible] [2] [illegible] (259/[illegible] 58 [illegible]) [illegible] (263/[illegible] 62 [illegible]) [illegible] 95/[illegible] 92 [illegible] [3] .

[illegible] (213 / [illegible] 10 [illegible]) [illegible] [4] .

3.3 [illegible] :

[illegible] - [illegible] " [illegible] - [illegible] [5] .

[illegible] (405/[illegible] 08 [illegible]) [illegible] [6] .

(1) [illegible] 100 - 101 .
(2) [illegible] (64 [illegible]) [illegible] 974 [illegible] 404 [illegible].
(3) [illegible] 245 .
(4) [illegible] 101 .
(5) [illegible] 522 [illegible]
(6) [illegible] 445 -446 .

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[illegible] (226/[illegible]24[illegible]) [illegible]

[illegible] .[1]

[illegible] (225/[illegible]23[illegible]) [illegible] [2] [illegible]

[illegible] 257/[illegible]52 [3] .

[illegible] [4] [illegible] (238/[illegible]36[illegible]) [illegible] (208/[illegible]05[illegible]) [illegible]

[illegible] [5] .

[illegible] 4.3 :

[illegible] : [illegible] .. [illegible] [6] .

[illegible] (246/[illegible]41[illegible]) [illegible]

(1) [illegible] 128 .
(2) [illegible] 234.
(3) [illegible] 1 [illegible] 95-94 .
(4) [illegible] 138.
(5) [illegible] 91 .
(6) [illegible] 467 .

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[illegible] [1] [illegible]

[illegible] (68/[illegible] 64) [illegible]

[illegible]

. [2] [illegible]

[illegible]

[illegible] (217/[illegible] 14) [illegible]

[illegible] [3] [illegible]

[illegible] 91/[illegible] 87 [illegible] [4] [illegible]

[illegible] [5] [illegible]

[illegible] (242/[illegible] 40) [illegible]

. [6] [illegible]

[illegible]

[illegible] (217/[illegible] 14) [illegible]

[illegible] [7] [illegible]

[illegible] [8] [illegible] (215/[illegible] 12) [illegible]

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(1) [illegible] 4 [illegible] 132.

(2) [illegible] 201 [illegible] 3 [illegible] 370 [illegible] 44 [illegible] 4 [illegible] 213 [illegible] 2 [illegible] 604 [illegible] 3 [illegible] 281 .

(3) [illegible] 2 [illegible] 109 –110 [illegible] 2 [illegible] 60 [illegible] 5 [illegible] 60 -61 .

(4) [illegible] 12 [illegible] 46.

(5) [illegible] 606.

(6) [illegible] 2 [illegible] 178 .

(7) [illegible] 2 [illegible] 112 [illegible] 2 [illegible] 208.

(8) [illegible] (241/[illegible] 39 [illegible]) [illegible] 233 [illegible] 299 [illegible] .

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ĐæŽ ŀŇĥĵ Kǒゥ ǈďĩĐž200/ùŇĵ97K')Ǒ ǈĵĵž ĭ ƧǤ ǈǉ ƿďžďž ǈĵゥ Ĭ ǒǒ

. [1] ǈƿǤĵĂ

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(1) ǈĵゥ ǕƧǤǉ ĐǕ ŀǕŁƜǕ2Ü f 78 .

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[illegible]

[illegible]

[illegible] (1) .

1.4 [illegible]

[illegible]

1.1.4 [illegible]

[illegible] (2) [illegible] (3) .

[illegible] (4) .

[illegible]

(1) [illegible] 543-544 .

(2) [illegible] 251-252 .

(3) [illegible] 548.

(4) [illegible] 548 .

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[illegible] [1]

[illegible] [2]

[illegible] [3] [illegible] [4] [illegible] [5]

[illegible] [6]

[illegible] [7]

[illegible]

(1) [illegible] .282
(2) [illegible] .9
(3) [illegible] .108-107
(4) [illegible] .288
(5) [illegible] 285
(6) [illegible] .228-227
(7) [illegible] . 288

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(1) .228-227

(2) .63-62

(3) .67

(4) .85

(5) .90

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[illegible]

(1) [illegible] 97-98.
(2) [illegible] 94-95.
(3) [illegible] 448-449.
(4) [illegible] 138.
(5) [illegible] 295-296.
(6) [illegible] 232.
(7) [illegible]

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[illegible] 2.1.4

[illegible] .[1]

[illegible] .[2]

[illegible] [3] [illegible] 4/[illegible] 88 [illegible] .[4]

[illegible] .[5]

[illegible] 53 [illegible] 52/[illegible] 48 [illegible] 47 [illegible]

---

(1) [illegible] 15 [illegible] 309-310 .

(2) [illegible] 546 .

(3) [illegible] 75 .

(4) [illegible] 185 [illegible] 255 [illegible] .

(5) [illegible] 1 [illegible] 221 [illegible] 75 .

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. (1)

/52) ...

57 ...

. (2)

71/67) ...

...

. (3)

...

74 /70) ...

(4) ...

75/71) ...

. (5)

...

211/208) ...

(6) ...

. (7)

...

225/222) ...

. (8)

(1) . 54

(2) 108-107 95-94

(3) 223 ... 4 ... .288

(4) . 142

(5) 188-187

(6) . 304

(7) . 595 - 594

(8) . 165

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[illegible]

[illegible] 235 / [illegible] 33 [illegible]

. [1] [illegible]

[illegible]

[illegible] 90/ [illegible] 86 [illegible]

[illegible]

[2] [illegible]

[illegible] 185 / [illegible] 81 [illegible]

. [3] [illegible]

2.4 [illegible]

[4] [illegible] " : [illegible]

[illegible]

[illegible] " : [illegible]

[illegible]

[illegible]

. [5] " [illegible]

1.2.4 [illegible] :

[illegible]

---

(1) [illegible] 448 -449 .

(2) [illegible] 65 -66 .

(3) [illegible] 62-63

(4) [illegible] 553 .

(5) [illegible] 553 -554 .

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[illegible] [1] [illegible] . [2]

[illegible] . [3]

[illegible] . [4]

[illegible] .

[illegible]

(1) [illegible] 566 .

(2) [illegible] 567.

(3) [illegible] 296 [illegible] 77 [illegible].

(4) [illegible] 538 .

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[illegible] 76 [illegible] [1] [illegible]

[illegible] [2].

[illegible]:

[illegible] [illegible]

[illegible] [illegible]

[illegible] [3] [illegible]

[illegible]:

[illegible] [illegible]

[illegible] [4] [illegible]

[illegible]

[illegible]

[illegible] [5] .

[illegible]

[illegible] 66 / [illegible] 62) [illegible]:

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [6] [illegible]

---

(1) [illegible] 64 [illegible] 309 [illegible] 281 [illegible].

(2) [illegible] 72 [illegible] 27 [illegible] 283 [illegible] 2 [illegible]:

[illegible].

(3) [illegible] 68 .

(4) [illegible] 118 .

(5) [illegible] 426 [illegible]

.282-281

(6) [illegible] 64 .

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[illegible]

[illegible] [1]

[illegible] [2]

[illegible]

[illegible] [3]

[illegible] (…217/…14…) [illegible] (…206/…03…)

[illegible] [4] .

(1) [illegible] 348.

(2) [illegible] 132.

(3) [illegible] 48 .

(4) [illegible] 75 [illegible] 1 [illegible] 4 [illegible] 309 .

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ĥǫ Lĝǿ ĂÜ Lĵĥơ Ădž Ǘſ ƨdžĐă ĵ1 ƖĂŮơ!ƒ ýǴĂ Üǻ Ăŋ ĵ!Ǵŭ ŏ5ǻ Ƨ!ƒ Dŋž ĵ ĸ Dĥ Ă

[ѣ ƧǴŏ ýŋ] ǾǨƒ ýŋ ǀƨ Ăƨ ĵǆ Ü ŎĐ ŽL ĵŋ Lĵ džǆ ĵǆ ǐ ĥơ Ădž Ƨŏ ǆ Ǫĥ dž

: Ǵǿ ĐŽǆ ĥǮ |ŋ Džǆ 60/ùŇ 55 ǂĿ

Ɓ ĂL Lĵ dž Ɓ ĐŽ Lĵ ǨƑ Ǵ džǨ ĥ ŋǫ — Ɓ ĂǾ!ƒ Ɣ Lǵ Lĵ dž ĥŋƒ ƧǴ ǨƑŋ Ă

ƧĂƧ|džƔ ŋ ùù Ƭk ĐŽ ƧǴ ǀ ! ǆ ŏ — Ǵŋ ù Ʀĥ Ʀ yƧ ǨĐŽ ƧŇ ǵ Lĵ dž

[1] Ɓ Ă ƨ!ƒ ǆ ĐŽ ĂĐž ŋ Ǩ ĵŋ!ƒ ƧĂLĵ — ĂĐ Ă ŋùù Lĵ ƧĂL Lĵ Ɓ ĵ!ƒ ǂŏ ŭ ŏ5

. [2] ƖĥǮ |!ƒ ĵŇ ĵǴ ǴĥǊ LĵƬ ƨ!ƒ ƨĂǴk ĥǫ L ǂŏ ĐŽ

ƧĂŋ džǾ ƧǴ ƒ Lŋ ĥdž Ɣ ĵǆ ĂĐ Ü Lĵ dž ǂ Lĵ ŽſƧ Ƭ Lĵ Ă

. [3] ơŏ Ƨĥ Ă ƧǨƒ Ă Đ!ƒ ŏ5 Ăǵ ư Ǵ5 Lĝ ĥĂ Ü(Đž 259 /ùŇ 58Ǩ)

Ǵ ĐŽ Ü Ǫĥ dž ǀƨƬ ŏ5 ƧǴ ƒ Lĵ Ǵ Ă ŏ ǂ ŏ ƨƬ!ƒ Ư ƒƨ Ü Lĵ Ă

Đŋ džƔ Ǵ ƒĂ Ü ƧƬ!ƒ Ɣ Ǩ ǐ ĐŽ ýŋ Ƭk Ǩ Lǵ ǂĥơ Ădž ǂ!Ăĥ Lĵ ǐ ĐŽ ýĥŏ

Ɩĥ 2 ĥĂ dž ŏ ĐŽ Lĵ džǆ Lĝ ĵ5 Ü Ǵ ĥdž Ă Ü Ǵ ŏ Ǩ ƒƧǴ Ʀĵ

ŏ5Ňĵ ydž ƒ ÜƧdž ĂÜ Σ !ĥ ƒ ǐ !ǫ ǀƨ Ăƨ ĵǆ5Ňĵ Ň Ă Üƨ Ƭ!ƒ ǐ !ǫŇ ǂǨ

Üƨ ŏ ĥĂ ǂ Ɖ ĵĐ ǴƬ Ă ÜǴ ŏ ƧĂ Ü Σ !ĥ ƒ ĥŭ ĵĂ Ă Lĵ ĥ Ă5Ă ѣ ƧǴŏ ýŋ

ÜŏǴ Ƨ!ƒ ĵƬ L ĵ ǆ Lĝ5 Ü Đŋ Ƨ ǂ Lĵ ǆ Ă ÜĐ ƒ ƒŇ ŏ5 ǗƨƬ!ƒ ǐ Ƶĥ Ǵ5

. [4] Ǵĥ Ǵǂ Ʀ Ǵ

ŏ Đ ÜƧ ŏ ǆ ĵǆ Lĝ ƧǴ ƒ Lĵ L ǐ !ǫ ƧǴ ƒ Lĵ L Ăĥ yǴ ƧƬ Ă

LĥǮ ƽ!ƒ ĥǴdž Ǵ5 ýŋ ÜƧ ǂ ĥǴ |ŋ Ňĥ ǆ ĥĂ ÜŇ ǀ ĥdž ÜǮ ƽ!ƒ Ǵǂƨ

Ǵǂƨ ŏ Đ ĥŋ ŏ5 Σ LĂŭ Σ !ĥ ƒ ǂĥž ýŋ Ǵ ÜĐŇĂ ƧơĂ ÜĐ ƧǴ ơĂ

. [5] ŏǮ ƽ!ƒ

: ŏǮ ƽ!ƒ Ǵǂƨ Ǵ Ǫĥ dž ýǴĂ

Ɓ ƒĂ ƨ!ƒ Ɣ Ƨùù ơĐŽ Ǩ ƒ Ǡǂ 5 — ŎLǴ ùù džǆ! Ǵǆ Ư Ǵ Lĝ

(1) ŏǴ Ƨ!ƒ ÜL ƒĂ ĥ Ü ŏ5 Ǵ Ƨ!ƒ ƭ 87.

(2) ÜƔ ŋ ƨdž Ü ŏƬ ƒƧdž ƭ290 ÝƧ!ƒ ÜL ƒĂ ĥ Ü ŏǴ Ƨ!ƒ ƭ 87 .

(3) Ü2 ÜƔ Ƨ ƨdž Ü ǆ Lĵ ƭ 309.

(4) ÜƔ ŋ ƨdž Ü ŏƬ ƒƧdž ƭ282.

(5) ÜL ƒĂ ĥ ÜƧǴ ƒ Lĵ ƭ12.

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(1) [illegible] [illegible]

[illegible] :

[illegible] [illegible]

[illegible] [illegible]

(2) [illegible] [illegible]

[illegible]

[illegible] :

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

(3) [illegible] [illegible]

[illegible] :

[illegible] [illegible]

(4) [illegible] [illegible]

[illegible]

[illegible]

[illegible] .

[illegible]

[illegible] 12 / [illegible] 09

[illegible]

[illegible]

[illegible]

---

(1) [illegible] 301 .

(2) [illegible] 202.

(3) [illegible] 110-109 .

(4) [illegible] 54.

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[illegible] [1]

[illegible] [2]

[illegible]

[illegible] [3]

[illegible]

[illegible] [4]

[illegible]

[illegible] [5]

(1) [illegible] 180 .

(2) [illegible] 48.

(3) [illegible] 395.

(4) [illegible] 396.

(5) [illegible] 396.

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[illegible]

[illegible] 236 / [illegible] 34 [illegible]

[illegible]

[illegible] (1)

[illegible] (2)

[illegible] (3)

[illegible] (4)

[illegible] (1)

---

(1) [illegible] 280.

(2) [illegible] 441.

(3) [illegible] 88-89.

(4) [illegible] 220.

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[illegible]

(1) [illegible] 54 .

(2) [illegible] 445.

(3) [illegible] 138.

(4) [illegible] 3 [illegible] 291.

(5) [illegible] 33 .

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[illegible] [illegible]

[illegible] [illegible]

: [illegible]

[illegible] [illegible]

[illegible] [illegible]

(1) [illegible] [illegible]

: [illegible]

(2) [illegible] [illegible]

[illegible]

: [illegible]

[illegible] [illegible]

[illegible] [illegible]

(3) [illegible] [illegible]

: [illegible]

[illegible] [illegible]

[illegible] [illegible]

(4) [illegible] [illegible]

[illegible]

: [illegible]

[illegible] [illegible]

(5) [illegible] [illegible]

: [illegible]

---

(1) [illegible] .46

(2) [illegible] .65

(3) [illegible] .64

(4) [illegible] .97

(5) [illegible] .74

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(1) .82

(2) .19

(3) . 19

(4) .232

(5) 276

(6) . 296 - 295

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[illegible] :

[illegible] [illegible]

[illegible] [illegible]

[1][illegible] [illegible]

[illegible]

[illegible] :

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[2][illegible] [illegible]

[illegible]

[illegible] 257 / [illegible] 55 [illegible] :

[illegible] [illegible]

[3][illegible] [illegible]

[illegible]

[4][illegible] 213 / [illegible] 10 [illegible] .

[illegible] :

[illegible] [illegible]

[illegible] [illegible]

[5][illegible] [illegible]

---

(1) [illegible] . 277

(2) [illegible] .319

(3) [illegible] .199

(4) [illegible] .215

(5) [illegible] .215

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[illegible]

[illegible] (1258/ [illegible] 56 [illegible]) [illegible]

[illegible] [1] .

[illegible]

[illegible] 238/ [illegible] 36 [illegible]

[illegible]

: [illegible]

[illegible]

[illegible] [2]

[illegible]

: [illegible]

[illegible] [3]

: [illegible] 2.2.4

[illegible] [4] [illegible]

[illegible]

[illegible]

(1) [illegible] 76) [illegible] 273 [illegible] 180- 179 [illegible]

(2) [illegible] 76) [illegible] 256 [illegible] 273 [illegible]

(3) [illegible] 51.

(4) [illegible] 566.

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[1]

1.2.2.4

[2]

[3]

(1) .567

(2) .306

(3) .453

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[illegible]
[illegible] [1].

[illegible]
[2][illegible] 57 / 52 [illegible]
[illegible] 61/ 57 [illegible]
. [3][illegible]
[illegible]
[illegible] 61 / 57 [illegible]
[illegible] [4] [illegible]
/ 67 [illegible]
[illegible] [5] [illegible] 71
. [6][illegible]

[illegible] 71/ 67 [illegible]
[illegible]
[illegible]
[illegible]
. [7][illegible]

[illegible]
[illegible] 87 / 83 [illegible]

---

(1) [illegible] .13
(2) [illegible] 107-108 [illegible] .94-95
(3) [illegible] .24
(4) [illegible] .24
(5) [illegible] 288
(6) [illegible] .59
(7) [illegible] .206-207

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ǈƱƶƝƥǑ! ǼǼǻǽƺǒ ǈƼƿƺƾǚǻ!ƒ ƥƞ ǆǼǻƕǗǑ!ƒǍ ǎ ƧǍŦƊǅƿǍ Ǖǂǒ ǈƼƿƺǍƝƊǈǆž .[(1)] ýǀǁ!ƒ Ǒƞƒ ƧǍ ǕǼǻǼ ǈǈǻǼ ƝǅƝǼƮ ǈǆǍǕǂǆǁ!ǅ

ǑơƒǍǈǗ ǆǹǑƼ ǈƶƶƒ ýƝƊǈǆǆǋǼƶƒǍƺǑǁǈǂ ǈǼǍƺǆǁ ǼǼǗǑ!ƒ ǈǆǍ

ǍƝǍǕ(Ɗǆ 93 /ùƝǅ90 K)ɣǑǗǑ!ƒ ƧƝǅ ǈǅƶǍǆǈǅ Ÿƒ ƥǆ ǈǅƶǍǆǆǂǈƼƿǆ

ƬǑƊ ƥƷǕŸƧǍƒǍ ýư ǅƒǍ ýǼǻ!ƒ ƟǗƮ !ƒǍ ǈǅƶƒ ýƝƊǈǆǆǼǼǕǂǈƼƿǚƝƊǈǆž

. [(2)] ǂǈƼƿǆǑƒǍǈǗ ǆǹǼǼǗǑ ǈǼǍ ǕǈƧǆ ýƒǍƱ ǈǈǆ!ƒ

ǑǼǼƥ ƥǆƮ ǈǅǈƥǆǈƶ ƮǍǑǈǅƶǍǆǍƝǍ ǈǈǻ ǈƼƿǈǼǼǗǑ!ƒ ƥƱǅ !ǍǍ

.[(3)] ǂǈƼƿǼǼǆƊǈǆƱǑǆǼǻǼǂǕǑ!ƒǍ ǈǕƮ !ƒ Ǖ(Ɗǆ 96/ùƝǅ93K)

ǂǈƼƿ ǈǆǆƧǆ ƥƥǆƊƊǆǆK ƥǍ ǈǆǆǂǈƼƿǆǈǆǈƼƿǆ ǼǼǗǑ!ƒ ǈǆǍ

ŸƧǹ Ƙƒ Ǖ(Ɗǆ 211/ùƝǅ08K)Ǒ ǈƼƿɣ ǍƊǈǅƶǍǆǈƒ ƥǆ ǍƊǕƊǆǆɣǼǆ!Ǝ

ǆǑƶ Σ ƟǅǕ ǆǹƥǍ ƥǍǂǈƼƿǼǻǑɣǗǑǈǼǍ ǕǆǍǕǆǍǕǂƒǼƧǆ!ƒ ƊǆǆǑƶ

.[(4)] ƝƾǂǈƊǆ ýơƧǍ ǕƝǅǆƊǆǅ Ǐ !ǫ

ƥǆǍǈǅ ɣƝǍ ǈǅƶǍǆǈǅ ɣǍƊǈǅƶǍǆǈǆǍƧǆǂǈƼƿǆǼǼǗǑ ǈǆǍ

ǕǈǼƊƮǆǍǆǆǆǑƶ ŸƧǹ ƥǍ ǕǂǈƼƿǚƝƊǈǆǍƝǍǕ(Ɗǆ 211/ùƝǅ08K) ǑǈǼǅ

.[(5)] ǼƥǍ ǂǈƼƿǼǻǑɣǗǑǍ Ǖɣƒǆ Ǐ ƊǆǚƊƥǍ

ƥƥƥ ǈǅùùùǈǈǼƊƮǈǆŸƒ ƥǆ ɣǗǑ!ƒ ǼǼǈǅǆǼǑǼǼ ǼǼǗǑ!ƒ ǈǆǍ

ƒƶǑǼǆ ǈǼ ƥǍ ǕǂǈƼƿǚ ǼǼǆǍ ƥƱƊǈǅƒ ýƝƊǈǆǍƝǍ Ǖ(Ɗǆ 215 /ùƝǅ12K)

ǂ ƥƱǍ ǕǼǼǍƒǆǼǼǗǑ ǕǼǼǆǼǼ ǈǼǍ ǕΣ Ɵǅ Ǐ !ǫǼǼǆǆ ǕɣǗǑ!ƒ ǼǼǈǅǆ

. [(6)] ƧǼǼŸƒ ƝǅǅǍǆ Σ Ɵǅ Ɲǆ ƘǑƊǍ

---

(1) ǈǅƶ ǕƧǼŸƒ ǕƊǆǂǕ ǕǈǕ2 ƒ 59.

(2) ǆǆ ƮƥƧǕǅƝǕ ǕǈǕ2 ƒ 67 -68.

(3) ǆǆ ƮƥƧǈǅƝǕ ǕǈǕ2 ƒ 73.

(4) ƒƝǑǕǆǆƶǂ ƒ!ƧƒǆƊǕ2 ƒ 594 -595.

(5) ǈǅƶ ǕƧǼŸƒ ǕƊǆǂǕ ǕǈǕ2 ƒ 98.

(6) ǆǆ ƮƥƧǈǅƝǕ ǕǈǕ2 ƒ 287 -289.

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[illegible] [1] [illegible]

[illegible] (242/ [illegible] 40) [illegible]

[illegible] [2].

[illegible] (267/ [illegible] 63) [illegible]

[illegible] [3].

[illegible] (270/ [illegible] 66) [illegible]

[illegible] [4].

[illegible] (291 / [illegible] 87) [illegible]

[illegible] [5] [illegible]

[illegible] (236/ [illegible] 34) [illegible]

[illegible] [6].

[illegible] (298 / [illegible] 95)

---

(1) [illegible] 2 [illegible] .138

(2) [illegible] 1 [illegible] .108- 107

(3) [illegible] 2 [illegible] .145- 144

(4) [illegible] 4 [illegible] .174

(5) [illegible] 2 [illegible] .66

(6) [illegible] 2 [illegible] .135

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[illegible] [1] [illegible]

[illegible] 203 / [illegible] 00 [illegible]

[illegible] [2]

[illegible] 236/ [illegible] 34 [illegible]

[illegible] [3]

[illegible] :

[illegible] 236 / [illegible] 34 [illegible] [4] [illegible] 258/ [illegible] 56 [illegible] [5] [illegible] 238/ [illegible] 36 [illegible] [6] [illegible] :

[illegible]

(1) [illegible] 156.

(2) [illegible] 23-24.

(3) [illegible] 101-102.

(4) [illegible] 219 [illegible] 219.

(5) [illegible] 180.

(6) [illegible] 182.

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[illegible] [1] [illegible]

[illegible]

[illegible] [2] [illegible]

[illegible] [3]

[illegible] (76/ [illegible] 72) [illegible]

[illegible] [4] [illegible]

(1) [illegible] 183.

(2) [illegible] 285 [illegible] 269 [illegible]

(3) [illegible] 312.

(4) [illegible] 321-322 [illegible] 2-2-3.

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[illegible] 17/ [illegible] 14 [illegible]
[illegible] 96 / [illegible] 93 .[1]

[illegible] 84 / [illegible] 80 [illegible] .[2]

[illegible] 42) [illegible] 47 [illegible] .[3]

[illegible] 15 / [illegible] 12 [illegible] .[4]

[illegible] 78 [illegible] 79/ [illegible] 74 [illegible] 75) [illegible] .[5]

: [illegible] 2.2.2.4

[illegible]

(1) [illegible] .604
(2) [illegible] .110-109
(3) [illegible] .207-206
(4) [illegible] .107
(5) [illegible] .84-83

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[illegible]
[illegible] .[1]

[illegible] 204/ [illegible] 01 [illegible]
[illegible] [2] [illegible]
[illegible] .[3]

[illegible] 82/ [illegible] 78 [illegible]
[illegible] [4] [illegible] 236/ [illegible] 34 [illegible]
[illegible] .[5]

[illegible] 242 / [illegible] 40 [illegible] .[6]

(1) [illegible] 314 .
(2) [illegible] 85.
(3) [illegible] 206-207 [illegible] 285 [illegible].
(4) [illegible] 291.
(5) [illegible] 101-102.
(6) [illegible] 85 [illegible].

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[illegible]

[illegible] 259/[illegible]58)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [1] .

(1) [illegible] .259- 258

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[illegible]

[illegible]

1.5 [illegible] :

1.1.5 [illegible] :

[illegible] [1] .

[illegible] [2] .

[illegible] [3] [illegible] [4] [illegible] [5] [illegible] [6] [illegible] [7] .

[illegible]

---

(1) [illegible] 3 – 4 .

(2) [illegible] 1968 [illegible] 1977 [illegible] 231 [illegible] .

(3) [illegible] 1 [illegible] 262

(4) [illegible] 1 [illegible] 249

(5) [illegible] 1 [illegible] 263

(6) [illegible] 1 [illegible] 23

(7) [illegible] 1 [illegible] 222

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[illegible] . [1]

[illegible] . [2]

[illegible] 77/ [illegible] 574 [illegible] /573 [illegible] 78 [illegible] . [3]

[illegible] 57/ [illegible] 552 [illegible] . [4]

[illegible] 82/ [illegible] 578 [illegible]

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(1) [illegible] 379

(2) [illegible] 504

(3) [illegible] 313 – 312

(4) [illegible] 95 – 94

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[illegible]

(1) [illegible] 51 – 52 [illegible]

(2) [illegible] 98.

(3) [illegible] 377 – 378.

(4) [illegible] 117 – 118

(5) [illegible] 275 – 276 [illegible] 318.

(6) [illegible] 180.

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(1) 309

(2) 405 – 404

(3) 405 – 404

.69

(4) 309

.69

(5) 592 - 589

(6) 405 – 404 .

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. [1]

: 2.1.5

Geo ... [2] ... **Gropia** ...

. [3]

. [4]

(1) . 309

(2) 290 ... 293 ... 11

(3) . 357 ... 1

(4) . 541

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Lǐ ơ!ƒ ǍħĐǷǒΠ!ƒ ƚ!ǴƧ!ƒǕǰ ǇǇǊƶǇǆǅĐƿǬƩ ǇǅƘƒ ƚ!ǴƧ!ƒ ƨƧħĐǇǇǻ

Ǉǂ ǐ ƘƒǗ(Đǩ217 /ùǋ614 ǨǇ)ǑǇǇǇǑǇǇƒ Ƨǒǿ ǇǇǇǇǇǇǇƶ

.[1]ǋǴǩǇǅƶ

ƚǇ ýƒǍŦ ǑƼǇǅ!ƒ ƚư ǡƼǇǖ ǐ !ǍǕƒ ƚĐǮ!ƒ ǨǇǴ ǕǨǔơƧ ƚ ǔƛƲǇǺ

ǕĐǮ!ƒ ǇǇƨǿ ǇǇĐǴ ǼǇ ǑƱǯǒ Σ ǇǅǇ ơ ǇĐǕƍǕ[2]Đǩ82/ùǋ78

ǇƩ ƧǇǒ ǇǇƧĐǕƧǅƪ!ƒ ɣƧŦ ǑƼƱƧǇ ǇǇǕǇǋǇǅƶ ǑƼǋǇǐ !ƍƧǑŦǑƼ

ǕǑŦǇǴǅǇ ƫ ƽơ ǐ ħĐǇǅǩƚǅǩƴǅǍǕ[3]ǋơ!ƒ ƚư ǡƼǇǕ ƚĐǮƕĐǴǴǴǴǴǴǴP

/ùǋ80 ƚǇ ǐ ƧǒƧơ!ƒ ǨǴǴǅǋǇ ǇǇǇ ǕǑƩǍŦP!ƒ ƧǋǴ!ƒ ǴǅƼŦǇǔǑ!Ǎ

ǇǴǒǇ/ùǋ581 ƚǇ ǅǒǅǑƼ ƚƱǴǇ ǐ !ƍǑǇǇǇƧǒǿ ǇǇǇǇ Đǩ[4]Đǩ84

. [5]Đǩ185

ƟǕŢ ƚǇǇ ýƞĐǇǅǩǁ!ǋ ǇǇǍǕƼƧŦǅƫǐ !ƍƚǅǴ ǇƧǅƩ !ǇǕƒ ƧǇǇ ǅǩ

ǇǴǒǇ/ùǋ85 ƚǇ ýǍǕƒ ǇǇǇ ǑƼ ǴǇǇǇǕƩ ǇǅƩ ǨǒƲǇǇǑǍǕƒ ǇǇƒ

ǑƼýǍƞǨǅǩǅǩ91 ɣƈ/ùǋ87 ƚǇ ǇǴŦ ǑƼƚƱǴǇ ǐ !ƍǴǍǕ[6]Đǩ89

ǁ!ǋǇǴǍǕƽƧŦǅƫǐ !ƍƚƛǴǇƧǅǿơƧ ǅǩǕ[7]ǇǅƩ!ƒ ǇǅǩƧǇ ǋǴǩǇ ǍǕΣ !ǇǕƒ

ƚùùùǂǇǴ ǋǇǍƨ ǇǴǍ ǑƼǋǇ ƒ ǴǩǇǇǁ!ǋǇǍǕ[8]Đǩ204 /ùǋ01 ƚǇ ǑƼ

. [9] (ǇƞǅƫǇ

(1) ǇǇ ǇǇǇǇǇǇǇǇ ǕǋǴǩǴǇǕΣ ǇƩ ǇǇ ƫ 122 ýǕǑŦǂƒƧǅƫ ǍƒýǇƒ ǕǇǇǇƒ ù!ƒ ƧǇ Ƨ!ƒ ǍǇ ǕΣ ƽǕ2
596 ƫ

(2) ǇǇ ǕƧǒǿ!ƒ ǕǇǮ!ƒ ƫ 41 ýǇǇ ǕƧǴǕƒ ǕǇǇǇǇǇ ǕǇǇ 2Ǖ ƫ 109 – 110

(3) ơ ǇǇǅǇǇ ΣǕǴƧǅơ ƒ!ǇƧǴǴ ǍƒǇƧǇǇǑƼ ǇǕƒ! Σ Ǖ ƲǅǇƧǇƧǕ267ǅǩǕ ƫ 435
– 438ǕǍ ǇƧǇƧǇǋǴǇǅǩǇ ΣǕǴƧǅơ ƒ!ǇƧǴǴƚ.

(4) ǇǇ ǕƧǴǕƒ ǕǇǇǇǇǇ ǕǇǇ 2Ǖ ƫ 109 - 110

(5) ǇǇ ǕƧǒǿ!ƒ ǕƧǮ!ƒ ƫ 240

(6) ǇǇ ǕƧǴǕƒ ǕǇǇǇǇǇ ǕǇǇ 2Ǖ ƫ 109 – 110ý ơ ǇǇǅǇǇ ΣǕǴƧǅơ ƒ!ǇƧǴǴǕ ƫ
438 – 435

(7) ǇƧǅƫǂǑŦǕ ǍƒýǇƒ ǕǇǇǇƒ! ƒ ƧǇ ƒ!ǇƧ ΣǕ ƽ 2Ǖ ƫ 605 – 606ýǇǇǇ ƒ!ǑŦǑùɣǕ
ǕǴƱǇǕ ǇǇ 2Ǖ ƫ 232

(8) ǇǇ ǕƧǴǕƒ ǕǇǇǇǇǇ ǕǇǇ 2Ǖ ƫ 109 – 110

(9) ǇƧǅƫǂǑŦǕ ǍƒýǇƒ ǕǇǇǇƒ! ƒ ƧǇ ƒ!ǇƧ ΣǕ ƽ2Ǖ ƫ 606ýǇǇ ƒ!ǑŦǇɣǕ ƒǕǴƱǇùƚǕ
ǇǇ2Ǖ ƫ 232 .

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(1)

(2) 110 – 109

(3) 122

(4) 110 – 109 ، 41

(5) 604 ، 383 .

383

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[illegible] .[1]

2.5 [illegible] :

1.2.5 [illegible]

[illegible] .[2]

[illegible]

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(1) [illegible] 330

(2) [illegible] 493

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[illegible] 55/[illegible] 50 [illegible]

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[illegible] 77/[illegible] 73 [illegible]

[illegible](3) [illegible]

[illegible] 79 [illegible] 78/[illegible] 75 [illegible] 74 [illegible]

[illegible].(4)

[illegible] 202 [illegible] 201/[illegible] 99 [illegible] 598 [illegible]

[illegible].(5)

[illegible] 204/[illegible] 01 [illegible]

[illegible].(6)

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(1) [illegible] 536 [illegible]

(2) [illegible] 95

(3) [illegible] 225

(4) [illegible] 84 – 83

(5) [illegible] 83

(6) [illegible] 321

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(1) 98 - 97

(2) 117

(3) 221

(4) 222

(5) 537

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[illegible] .[1]

[illegible] 2.2.5 :

[illegible] :

[illegible] [2] [illegible] .[3]

[illegible] .[4]

[illegible] [5] [illegible] .[6]

[illegible] 68/[illegible] 64 [illegible] [7] [illegible] 74/[illegible] 70 [illegible]

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(1) [illegible] 420 – 419
(2) [illegible] 483
(3) [illegible] 663-662 .
(4) [illegible] 483
(5) [illegible] 451
(6) [illegible] 366-365
(7) [illegible] 57

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[illegible] 87/ [illegible] 83 [illegible]
[illegible] (2) [illegible]
[illegible] 93/ [illegible] 90 [illegible]
(3)[illegible] .

[illegible] 96/ [illegible] 93 [illegible]
(4)[illegible] .

[illegible] 221/ [illegible] 18 [illegible]
[illegible] (5) [illegible]
[illegible] 229/ [illegible] 27 [illegible]
(6)[illegible] .

[illegible] 234/ [illegible] 32 [illegible]
[illegible]

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(1) [illegible] 70
(2) [illegible] 77
(3) [illegible] 134
(4) [illegible] 80
(5) [illegible] 117
(6) [illegible] 130

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[illegible] (1).

[illegible] :

[illegible]

[illegible] (2).

[illegible] 96/ [illegible] 93 [illegible]

[illegible] (3) [illegible]

[illegible] 200/ [illegible] 97 [illegible] 271/ [illegible] 70 [illegible]

[illegible] (4).

[illegible] :

[illegible] 4/ [illegible] 5 [illegible]

[illegible]

(1) [illegible] 134

(2) [illegible] 485

(3) [illegible] 80

(4) [illegible] 419

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[illegible]

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[illegible]

[illegible]

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[illegible]

[illegible] (…295) (…259/…58…)
[illegible].

[illegible] (…255)
[illegible].

[illegible] (…985)
[illegible] (…286)
[illegible].

[illegible] (…985)
[illegible].

[illegible] (…987) (…234/…630…) [illegible]
[illegible].

[illegible] 1… [illegible] (…236) [illegible]
[illegible].

[illegible]
[illegible].

[illegible] (…286) [illegible]
[illegible].

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[illegible] (279) [illegible] 229/[illegible]626[illegible]

[illegible]

[illegible] (270) [illegible] 49/ [illegible]44) [illegible]

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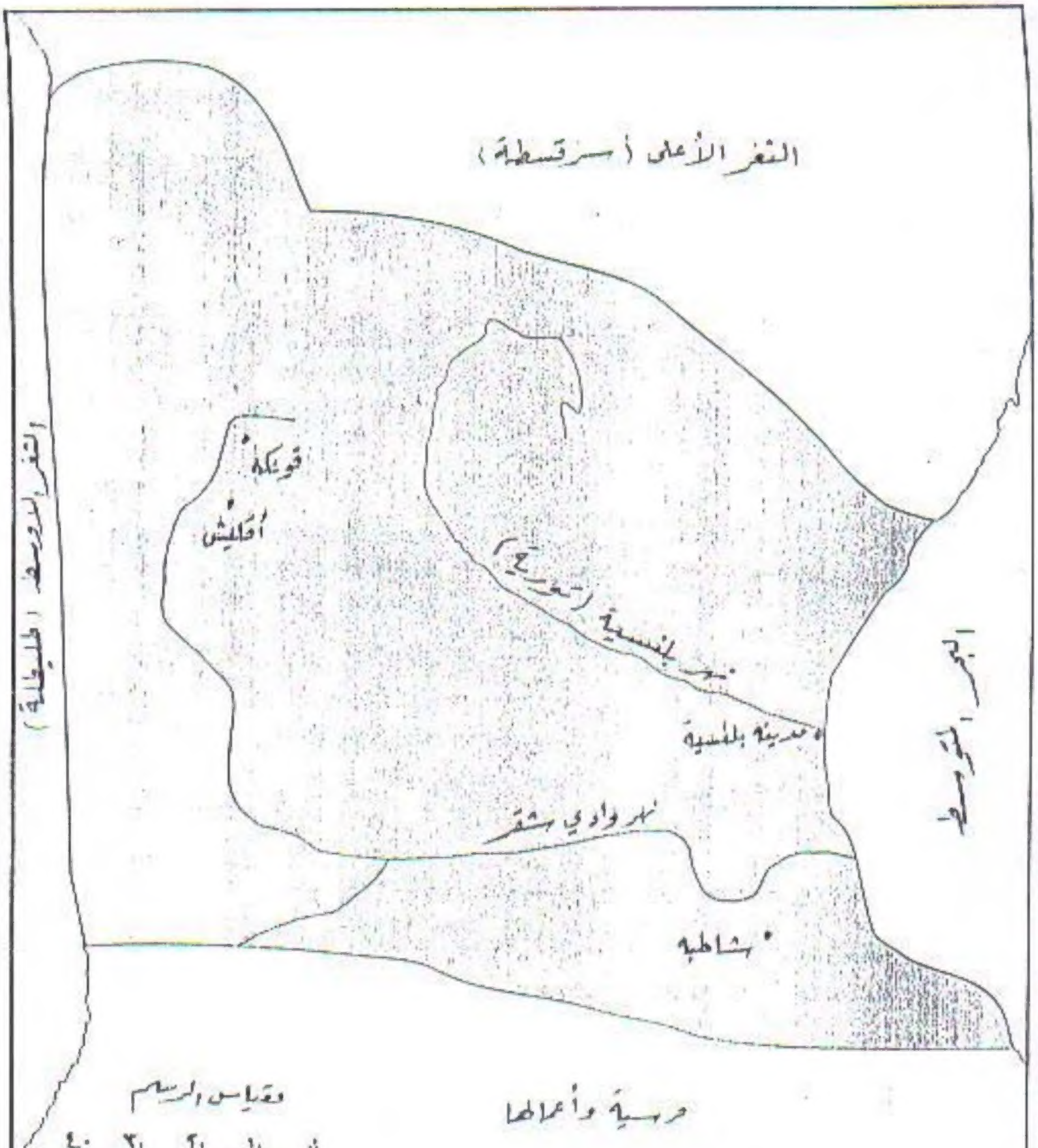
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حدود بلنسية وأعمالها خلال فترة ملوك الطوائف

نقلاً عن العمايرة ، التاريخ ، ص 14

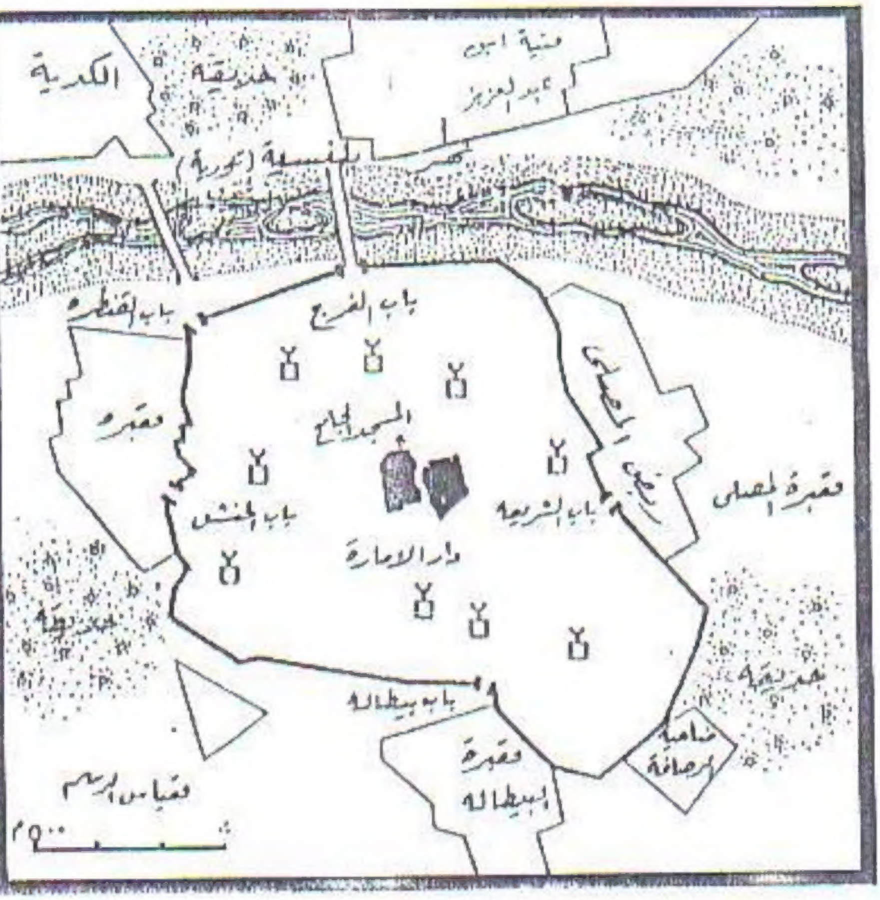
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مخطط مدينة بلنسية في القرنين الخامس والسادس الهجريين
العاشر والحادي عشر الميلاديين

مأخوذ من كتاب

Provencal, Histoire del 'Espagne, p.349.

نقلاً عن العمايرة ، التاريخ ، ص 13

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